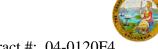
### DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



No

Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

# WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-008354 Address: 333 Burma Road Date Inspected: 25-Jul-2009

City: Oakland, CA 94607

**Project Name:** SAS Superstructure **OSM Arrival Time:** 700 **OSM Departure Time:** 1900 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

Zhu Zheng Hai & Shen Fu You CWI Present: **CWI Name:** Yes No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No **Weld Procedures Followed:** Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A Yes N/A **Approved Drawings:** Yes No **Approved WPS:** No Yes N/A

**Delayed / Cancelled:** 

**Bridge No:** 34-0006 **Component:** OBG Bays 13 & 14

## **Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Rory O'Kane was present during the time noted above for observations relative to the work being performed.

OBG - BAY No. 13

Shielded Metal Arc Welding Process:

Welding of weld joint SEG043-SSD12A-PP64-222 located on OBG Segment 8AW. Welder is identified as 044772. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appear to comply with the WPS-B-P-2214-TC-U5b-FCM.

Welding of weld joint SEG043-SSD12A-PP64-252 located on OBG Segment 8AW. Welder is identified as 044837. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appear to comply with the WPS-B-P-2214-TC-U5b-FCM.

Flux Cored Arc Welding Process:

Welding of weld joint SEG048B-SSD12-PP70-004 located on OBG Segment 8CW. Welder is identified as 058551. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appear to comply with the WPS-B-T-2132.

# WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Welding of weld joint SEG048B-SSD12-PP70-005 located on OBG Segment 8CW. Welder is identified as 055491. ZPMC QC is identified as Zhu Zheng Hai. The welding variables recorded by QC appear to comply with the WPS-B-T-2132.

OBG - BAY No. 14

Shielded Metal Arc Welding Process:

Welding of weld joint SEG062A-007 located on OBG Segment 10BE. Welder is identified as 067609. ZPMC QC is identified as Shen Fu You. The welding variables recorded by QC appear to comply with the WPS-B-P-2214-B-U2-FCM-1.

This QA Inspector noted installation of the following Structural Framing Components:

OBG Segment 9CE (Panel Point 79) FB016-035

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

# **Summary of Conversations:**

Only general conversation was held between QA and QC concerning this project.

#### **Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, who represents the Office of Structural Materials for your project.

Inspected By:	O'Kane,Rory	Quality Assurance Inspector
Reviewed By:	Carreon, Albert	QA Reviewer